



PATENT

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THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of : Godo SAKAMOTO, et al.  
Group Art Unit : Unassigned  
Application No. : 10/582,624  
Examiner : Unassigned  
Filed : June 12, 2006  
For : HIGH STRENGTH POLYETHYLENE FIBER  
Docket No. : 10404/21

MAIL STOP AMENDMENTS  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to 37 CFR § 1.56, the attention of the Patent and Trademark Office is hereby directed to the reference(s) listed on the attached PTO/SB/08a FORM. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the reference(s) be made of record therein and appear among the "References Cited" on any patent to issue therefrom. The filing of this Information Disclosure Statement and the enclosed PTO/SB/08a FORM, shall not be construed as an admission that the information cited is prior art, or is considered to be material to patentability as defined in 37 C.F.R. § 1.56(b). It is believed that no fees other than those indicated below are due, but authorization is hereby given to charge any additional fees due, or to credit any overpayment, to deposit account 11-0600.

This Information Disclosure Statement is being filed (a) within three months of the filing date of a national application other than a continued prosecution application under 37 C.F.R. §1.53(d), (b) within three months of the date of entry of the national stage as set forth in 37 C.F.R. § 1.491 in an international application, (c) before the mailing date of a first Office Action on the merits in the present application, OR (d) before the mailing of a first office action after filing of a request for continued examination. No certification or fee is required.

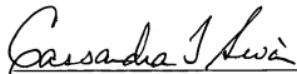
English-language Abstracts of the non-English language references are attached hereto.

Reference nos. 3, 4, and 11-14 were cited in the description of this application.

Reference nos. 1, 2, and 5-10 were cited in International Search Report for the corresponding international application PCT/JP2004/18004. A copy of the Search Report was previously filed with this application.

Respectfully submitted,

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet

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of

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**Complete if Known**

Application Number	10/582,624
Filing Date	June 12, 2006
First Named Inventor	Godo SAKAMOTO, et al.
Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	10404/21

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**U.S. PATENT DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Document Number Number - Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1	US-5,342,567	08-30-1994	Chen et al.	
	2	US-6,605,348 B1	08-12-2003	Ohta et al.	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>4</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
	3	JP 60-47922	10-24-1985	STAMICARBON BV		ABS, corresponds to (11)
	4	JP-64-8732	02-15-1989	STAMICARBON BV		ABS, corresponds to (11)
	5	JP 7-3524	01-06-1995	IND TECH RES INST, et al.		ABS, corresponds to (1)
	6	JP 7-501859	02-23-1995	ALLIED-SIGNAL INC		ABS, corresponds to (10)
	7	JP 3-137215	06-11-1991	TORAY INDUSTRIES		ABS
	8	JP 2001-73224	03-21-2001	TOYO BOSEKI		ABS
	9	WO 01/12885 A1	02-22-2001	TOYO BOSEKI KABUSHIKI KAISHA		ABS, corresponds to (2)
	10	WO 93/12276	06-24-1993	ALLIED-SIGNAL INC.		
	11	CA 1,152,272	08-23-1983	STAMICARBON BV		

Examiner Signature	Date Considered
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**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	12	W.F. Wong, et al., "Analysis of the deformation of gel-spun polyethylene fibres using Raman spectroscopy," <i>Journal of Materials Science</i> , Vol. 29, Pages 510-519, 1994.	
	13	Robert S. Bretzlaff, et al., "Frequency Shifting and Asymmetry in Infrared Bands of Stressed Polymers," <i>Macromolecules</i> , Vol. 16, pages 1907-1917, 1983.	
	14	E. Bright Wilson, Jr., et al., <b>MOLECULAR VIBRATIONS</b> , Ch. 4, pages 54-76, Dover Publications, 1980.	

Examiner Signature	/Jill M. Gray/	Date Considered	09/29/2008
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

<sup>1</sup>Applicant's unique citation designation number (if any). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.10. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering the necessary data, preparing the document, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /J.G./